

FORM PTO-1449	
(Rev. 2-32) E 30/03	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ي المينيا
O digg	出
1 23	욁
1114	T.
PATENT & TRA	3

U.S. Department of Commerce Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.

Serial No.

09/772,095

Applicant: Necka et al.

00,1281

Filing Date: January 26, 2001

Groupe Center 1800

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
gnm	1	5,710,885	01-20-98	Bondi	395	200.54	11-28-95
1	2	5,608,446	03-04-97	Carr et al.	348	6	05-09-95
	3	5,854,901	12-29-98	Cole, et al.	709	245	07-23-96
	4	5,923,659	07-13-99	Curry, et al.	370	401	09-20-96
	5	5,872,523	02-16-99	Dellaverson, et al.	348	825.52	03-12-96
	6	5,790,677	08-04-98	Fox, et al.	380	24	06-29-95
	7	5,819,042	10-06-98	Hansen	395	200.52	02-20-96
	8	5,489,897	02-06-96	Inoue	340	870.39	04-13-93
	9	5,864,679	01-26-99	Kanai, et al.	709	238	05-21-97
	10	5,870,134	02-09-99	Laubach, et al.	348	12	03-04-97
	11	5,805,804	09-08-98	Laursen, et al.	395	200.02	03-12-97
	12	5,488,412	01-30-96	Majeti et al.	348	10	03-31-94
	13	5,675,732	10-07-97	Majeti et al.	395	200.01	05-08-95
	14	5,818,845	10-06-98	Moura, et al.	370	449	01-18-96
	15	5,828,655	10-27-98	Moura, et al.	370	236	08-21-96
	16	5,859,852	01-12-99	Moura, et al.	370	449	08-27-96
	17	5,347,304	09-13-94	Moura et al.	348	12	07-28-93
	18	5,586,121	12-17-96	Moura et al.	370	404	04-21-95
	19	5,636,211	06-03-97	Newlin	370	465	08-15-95
	20	5,922,049	07-13-99	Radia, et al.	709	220	12-09-96
	21	5,790,198	08-04-98	Roop, et al.	348	460	05-04-94
4	22	5,583,931	12-10-96	Schneider et al.	379	399	07-14-95

4 Page 2 of 5

	(Rev. 2-32)	•
	QE JOIGG	
K		
	.W 20.	AK OF
	PATENT & TRACE	
	ENT & TO	

U.S. Department of Commerce Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty.	Docket	No.
-------	--------	-----

00,1281

Serial No.

09/722,095

Applicant: Necka et al.

Filing Date: January 26, 2001 **Group:** 2661

Center 260

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
gam 2		5,600,717	02-04-97	Schneider et al.	379	399	06-14-96
	24	5,606,606	02-25-97	Schneider et al.	379	399	06-14-96
	25	5,623,542	04-22-97	Schneider et al.	379	399	06-14-96
	26	5,790,548	08-04-98	Sistanizadeh, et al.	370	401	04-18-96
	27	5,778,181	07-07-98	Hidary et al.	395	200.48	03-14-96
	28	5,761,602	06-02-98	Wagner et al.	455	3.1	09-13-95
	29	5,442,749	08-15-95	Northcutt et al.	395	200.09	07-09-93
	30	5,958,007	09-28-99	Lee et al.	709	219	05-13-97
	31	5,799,086	08-25-98	Sudia	380	23	02-19-97
	32	5,623,601	04-22-97	Vu	395	187.01	11-21-94
	33	5,014,234	05-07-91	Edwards, Jr.	364	900	08-25-86
	34	5,138,712	08-11-92	Corbin	395	700	10-02-89
	35	6,018,767	01-25-00	Fijolek et al.	709	218	02-24-98
	36	5,996,076	11-30-99	Rowney et al.	713	201	02-19-97
	37	5,884,024	03-16-99	Lim et al.	395	187.01	12-09-96
	38	5,835,727	11-10-98	Wong et al.	395	200.68	12-09-96
	39	6,012,088	01-04-00	Li et al.	709	219	12-10-96
	40	6,013,107	01-11-00	Blackshear et al.	703	229	10-06-97
	41	6,009,103	12-28-99	Woundy	370	401	12-23-97
	42	5,974,453	10-26-99	Anderson et al.	709	220	10-08-97
	43	5,812,819	09-22-98	Rodwin et al.	395	500	06-05-95
7	44	6,049,826	04-11-00	Beser	709	222	02-04-98

4 Page 3 of 5

FORM PTO-1449
(Rev 2-12) vo 76

NIM 2 9 2011

STENT & TRADEME

U.S. Department of Commerce Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.	Serial No.
00,1281	09/722,095

Applicant:
Necka et al.

Filing Date: January 26, 2001 Group: 2661

3 2001 3) Center 260

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriat
9110	45	6,058,421	05-02-00	Fijolek et al.	709	225	02-04-98
(46	6,070,246	05-30-00	Beser	713	201	02-04-98
	47	4,881,263	11-14-89	Herbison et al.	380	21	09-25-87
	48	5,790,806	08-04-98	Koperda	395	200.82	04-03-96
	49	5,852,721	12-22-98	Dillon et al.	395	200.47	02-07-97
	50	6,075,787	06-13-00	Bobeck et al.	370	395	05-08-97
	51	6,049,546	04-11-00	Ramakrishnan	370	412	10-15-96
	52	6,006,264	12-21-99	Colby et al.	709	226	03-30-98
	53	5,903,558	05-11-99	Jones et al.	370	351	06-28-96
	54	5,841,777	11-24-98	Cohen	370	433	08-30-96
	55	5,598,410	01-28-97	Stone	370	,469	12-29-94
	56	6,091,709	07-18-00	Harrison et al.	370	235	11-25-97
	57	4,644,533	02-17-87	Braff et al.	370	94	05-06-85
	58	6,052,724	04-18-00	Willie et al.	709	223	09-02-97
	59	5,819,028	10-06-98	Manghirmalani et al.	395	185.1	04-16-97
	60	5,835,720	11-10-98	Nelson et al.	395	200.54	05-17-96
	61	6,003,077	12-14-99	Bawden et ai.	709	223	09-15-97
	62	5,954,797	09-21-99	Sidey	709	223	05-14-97
	63	5,913,037	06-15-99	Spofford et al.	395	200.56	07-03-96
	64	5,922,051	07-13-99	Sidey	709	223	05-14-97
	65	6,014,545	01-11-00	Wu et al.	455	3.1	03-27-97
	66	6,157,965	12-05-00	Mohammed et al.	710	8	02-27-98
W.	67	5,809,252	09-15-98	Beighe et al.	395	200.57	12-13-96

FORM PTO-1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office

Atty. Docket No. 00,1281

Serial No. 09/722,095

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant: Necka et al.

Filing Date:

January 26, 2001

Grouper 2012

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if
							Appropriate
gum	68	6,005,851	12-21-99	Craddock et al.	370	329	10-10-97
	69	6,041,041	03-21-00	Ramanathan et al.	370	241	04-15-97
	70	5,943,604	08-24-99	Chen et al.	455	5.1	10-31-97
	71	6,130,880	10-10-00	Naudus et al.	370	235	03-20-98
	72	6,094,431	07-25-00	Yamato et al.	370	395	11-29-96
	73	6,170,061 B1	01-02-01	Beser	713	201	02-04-98
	74	6,065,049	05-16-00	Beser	709	218	02-04-98
	75	6,185,624	02-06-01	Fijolek et al.	709	239	02-04-98
	76	6,070,242	05-30-00	Wong et al.	713	201	12-09-96
	77	6,073,178	06-06-00	Wong et al.	709	229	12-09-96
	78	5,991,306	11-23-99	Burns et al.	370	429	08-26-96
	79	6,031,841	02-29-00	Woundy	370	410	12-23-97
	80	6,137,793	10-24-00	Gorman et al.	370	360	12-05-97
	81	5,610,910	03-11-97	Focsaneanu et al.	370	351	08-17-95
	82	5,991,292	11-23-99	Focsaneanu et al.	370	352	03-06-97
u u	83	5,828,666	10-27-98	Focsaneanu et al.	370	389	03-06-97

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

9	m4	84	"Cable Modem to Customer Premise Equipment Interface Specification (Interim) SP-CMCI-I02-980317", Multimedia Cable Network Systems (MCNS) Holdings, L.P., Cable Television Laboratories, Inc., 1998, Pgs. ii to 40.
		85	"Operations Support System Interface Specification Baseline Privacy Interface MIB (Interim Specification) SP-OSSI-BPI-I01-980331", MCNS Holdings, L.P., 1997 and 1998, Pgs. ii to 33.
	Į.	86	"Cable Modern Termination System-Network Side Interface Specification (Interim Specification) SP-CMTS-NSII01-960702", MCNS Holdings, L.P., 1996, Pgs. ii to 13.

Page 5 of 5

	(Rev. 2-32)
	OTPE
	70N 5 8 5001
1	THADEMARY.

U.S. Department of Commerce Patent and Trademark Office

Patent and Trademark

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.

00,1281

Serial No.

09/722,095

Applicant: Necka et al

Filing Date:

January 26, 2001

Group: 2661

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

gun	87	"Removable Security Module Interface Specification (Interim Specification) SP-RSMI-I01-980204", MCNS Holdings, L.P., Cable Television Laboratories, Inc., 1997, Pgs. ii to 47.						
i	88	"Baseline Privacy Interface Specification (Interim) SP-BPI-I01-970922", MCNS Holdings, L.P., 1997, Pgs. ii to 65.						
	89 "Operations Support System Interface Specification (Interim) SP-OSSII01-970403", MCNS Holdings, L.P., 1997, Pgs. 1							
_	90	"Radio Frequency Interface Specification (Interim Specification) SP-RFI-I02-971008", MCNS Holdings, L.P., 1997, Pgs. ii to 186.						
	91	"Cable Modern Telephony Return Interface Specification (Interim) SP-CMTRI-I01-970804", MCNS Holdings, L.P., Cable Television Laboratories, Inc., 1997, Pgs. ii to 73.						
	92	"Security System Specification (Interim Specification) SP-SSI-I01-970506", MCNS Holdings, L.P., 1997, Pgs. ii to 103.						
	93	"Internet Engineering Task Force", Request for Comments 2131, Dynamic Host Configuration Protocol (DHCP), March 1997, Pgs. 1 to 42.						
	94	S. Adiraju, J. Fijolek, IPCDN Telephony Return MIB, Internet Engineering Task Force, Internet Draft, " <draft-ietf-ipcdn-tri-mib-00.1.txt>," March 1998, Pgs. 1 to 26.</draft-ietf-ipcdn-tri-mib-00.1.txt>						
	95	Kyees, P.J. et al., ADSL: A New Twisted-Pair Access to the Information Highway, IEEE Communications Magazine, Vol. 33, Issue 4, April 1995, pp. 52-60.						
	96	Huang, Yin-Hwa et al., Design of an MPEG-Based Set-Top Box for Video on Demand Services, Acoustics, Speech, and Signal Processing, 1995, ICASSP-95., 1995 International Conference, Vol. 4, ISBN: 0-7803-2431-5, May 9-12, 1995, pp. 2655-2658.						
	97	"A Solution for the Priority Queue Problem of Deadline-Ordered Service Disciplines," N.R. Figueira, IEEE International Conference on Computer Communications and Networks, September 22-25, 1997, pp.320-325.						
	98	"Radio Frequency Interface Specification (Interim Specification) SP-RFI-105-991105", MCNS Holdings, L.P., 1999, Pgs. ii to 202.						
V	99	"Radio Frequency Interface Specification (Interim Specification) SP-RFIv1.1-106-001215", MCNS Holdings, L.P., 2000, Pgs. ii to 432.						
EXA	EXAMINER OM N MMC DATE CONSIDERED 5/26/2004							

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

Form PTO-1449 (modified)

Dist of Patents and Publications for Applicant's

SUPPLEMENTAL ORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No. 00-1281

Applicant

Necka et al.

Serial No. 09/722,095

Filing Date: January 26, 2001 Group: 2661

U.S. Patent Documents See Page 1

Foreign Patent Documents See Page 1

Other Art See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
JN M	A1	4,996,685	02/26/1991	Farese et al.	370	58.1	04/10/1989
	A2	5,301,273	04/05/1994	Konishi	395	200	06/18/1991
	A3	5,675,742	10/07/1997	Jain et al.	395	200	06/26/1995
	A4	5,724,510	03/03/1998	Arndt et al.	395	200.5	09/06/1996
	A5	5,790,770	08/04/1998	McClure et al.	395	200.61	07/18/1996
	A6	5,793,747	08/11/1998	Kline	370	230	03/14/1996
	A7	5,909,549	06/01/1999	Compliment et al.	709	223	11/12/1996
	A8	5,915,119	06/22/1999	Cone	395	750.02	10/01/1996
	A9	5,982,748	11/09/1999	Yin et al.	370	232	10/03/1996
	A10	6,049,825	04/11/2000	Yamamoto	709	221	12/15/1997
	A11	6,104,700	08/15/2000	Haddock et al.	370	235	02/03/1998
	A12	6,112,258	08/29/2000	Miller et al.	710	19	03/19/1998
	A13	6,122,254	09/19/2000	Aydemir et al.	370	235	11/25/1997
	A14	6,130,879	10/10/2000	Liu	370	230	09/22/1997
	A15	6,137,792	10/24/2000	Jonas et al.	370	354	06/14/1996
	A16	6,148,410	11/14/2000	Naskey et al.	714	4	09/15/1997
	A17	6,189,102	02/13/2001	Beser	713	201	05/27/1998
	A18	6,223,222	04/24/2001	Fijolek et al.	709	227	05/14/1998
	A19	6,240,464	05/29/2001	Fijolek et al.	709	250	02/04/1998
	A20	6,260,072	07/10/2001	Rodriguez-Moral	709	241	06/12/1997
1	A21	6,269,099	07/31/2001	Borella et al.	370	389	07/01/1998

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

		9 (modified)	or Applicant?	Atty. Docket N 00-1281	No.	1 00 1-7	Serial No. 09/7/22,095	
Jug E	SECO	OND SUPPLEMENT ON DISCLOSURE	NTAL	Applicant Necka et al.		Groups, 2003 Other Arts, See Page 100		
(Use several sheets if necessary)				Filing Date: 01/26/2001		Group 3/0/2		
U.S. Patent Documents See Page 1			Foreig	n Patent Document See Page 1	tent Documents		Other Arts See Page 100	
			U.S. Pa	tent Docume	ents			
Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date o	
)V)W	A1	5,430,727	07/04/1995	Callon	370	85.13	05/19/1994	
1	A2	6,212,563	04/03/2001	Beser	709	227	10/01/1998	
	A3	6,275,853	08/14/2001	Beser et al.	709	223	05/27/1998	
$\sqrt{}$	A4	6,295,554	09/25/2001	Karadogan et al.	709	219	05/27/1998	
	•	•	Foreign F	atent Docur	nents			
Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No	
	Bl		-					
	B2							
	B3							
	B4							
	B5							
(Other A	Art (Includ	ing Autho	r, Title, Date	Pertir	nent Pag	jes, Etc.)	
Exam. Init.								
ĺ	Cl							
 	C2		_ ,					
_	C3							
	C4							
	C5							
$\overline{}$	C6							
/	C7			17.1				
	•	· · · · · · · · · · · · · · · · · · ·		——————————————————————————————————————				